



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada  
  
Tel (613) 632-5200  
Fax 613 632-5246

**D2611**  
**Job Sheet 203531**

Part No: D2611

Part Name: Bearing

Part Weight: 0 lbs

Job Created: 11/21/19

Due Date: 12/30/19

Type: SOLD

Note: DWG REV C IPP Rev:B 99.06.23 Re-format DM Change to SS; Change Supplier- Rev.C 07.03.14 EC

Ship Via:

Job Qty: 70 pcs

Status: New

Job Tracking No:

Created By: Marie Lajeunesse

Description:

Priority: Medium

Bill of Materials

Job Routing

| Op No | Operation                     | Qty       | Start Date | Due Date | Standard  |         | Workcenter/Supplier    |           | Sign-off    |
|-------|-------------------------------|-----------|------------|----------|-----------|---------|------------------------|-----------|-------------|
|       |                               |           |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier  | Lead Time |             |
| 100   | Purchasing                    | 70<br>pcs | 12/30/19   | 12/30/19 | 0.00      | 0.00    | Purchasing - 1         |           | NOV 27 2019 |
|       |                               |           |            |          |           |         | Purchasing - 2         |           |             |
|       |                               |           |            |          |           |         | Purchasing - 3         |           |             |
| 110   | Packaging 2-1 - Receive - B4B | 70<br>pcs | 12/30/19   | 12/30/19 | 0.00      | 0.00    | Packaging 2 - 1 - B4B  |           | NOV 27 2019 |
|       |                               |           |            |          |           |         | Packaging 2 - 2 - B4B  |           |             |
|       |                               |           |            |          |           |         | Packaging 2 - 3 - B4B  |           |             |
|       |                               |           |            |          |           |         | Packaging 2 - 5 - B4B  |           | NOV 27 2019 |
|       |                               |           |            |          |           |         | Packaging 2 - 4 - B4B  |           |             |
|       |                               |           |            |          |           |         | Packaging 2 - 6 - B4B  |           |             |
|       |                               |           |            |          |           |         | Packaging 2 - 7 - B4B  |           |             |
|       |                               |           |            |          |           |         | Packaging 2 - 8 - B4B  |           |             |
|       |                               |           |            |          |           |         | Packaging 2 - 9 - B4B  |           |             |
|       |                               |           |            |          |           |         | Packaging 2 - 10 - B4B |           |             |
|       |                               |           |            |          |           |         | Packaging 2 - 11 - B4B |           |             |
|       |                               |           |            |          |           |         | Packaging 2 - 12 - B4B |           |             |
|       |                               |           |            |          |           |         | Packaging 2 - 13 - B4B |           |             |
|       |                               |           |            |          |           |         | Packaging 2 - 14 - B4B |           |             |
|       |                               |           |            |          |           |         | Packaging 2 - 15 - B4B |           |             |
|       |                               |           |            |          |           |         | Packaging 2 - 16 - B4B |           |             |
|       |                               |           |            |          |           |         | Packaging 2 - 17 - B4B |           |             |
|       |                               |           |            |          |           |         | Packaging 2 - 18 - B4B |           |             |
|       |                               |           |            |          |           |         | Packaging 2 - 19 - B4B |           |             |
|       |                               |           |            |          |           |         | Packaging 2 - 20 -     |           |             |



Dart Aerospace Ltd.  
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Container No: S235520



Part: D2611  
Job No: 203531  
Serial No/Batch: S235520  
Revision:  
Inspector:  
Exp Date:  
Instructions: Various STC's  
Date: 11/27/19

|                                 |        |          |           |                        |  |
|---------------------------------|--------|----------|-----------|------------------------|--|
|                                 |        |          |           | B4B                    |  |
|                                 |        |          |           | Packaging 2 - 21 - B4B |  |
|                                 |        |          |           | Packaging 2 - 22 - B4B |  |
|                                 |        |          |           | Packaging 2 - 23 - B4B |  |
|                                 |        |          |           | Packaging 2 - 24 - B4B |  |
|                                 |        |          |           | Packaging 2 - 25 - B4B |  |
|                                 |        |          |           | Packaging 2 - 26 - B4B |  |
|                                 |        |          |           | Packaging 2 - 27 - B4B |  |
|                                 |        |          |           | Packaging 2 - 28 - B4B |  |
|                                 |        |          |           | Packaging 2 - 29 - B4B |  |
|                                 |        |          |           | Packaging 2 - 30 - B4B |  |
|                                 |        |          |           | Packaging 2 - 31 - B4B |  |
|                                 |        |          |           | Packaging 2 - 32 - B4B |  |
|                                 |        |          |           | Packaging 2 - 33 - B4B |  |
|                                 |        |          |           | Packaging 2 - 34 - B4B |  |
|                                 |        |          |           | Packaging 2 - 35 - B4B |  |
|                                 |        |          |           | Packaging 2 - 36 - B4B |  |
| 120 QC 6                        | 70 pcs | 12/30/19 | 0.00 0.00 | QC 6 - 9               |  |
|                                 |        |          |           | QC 6 - 68              |  |
|                                 |        |          |           | QC 6 - 61              |  |
|                                 |        |          |           | QC 6 - 40              |  |
|                                 |        |          |           | QC 6 - 81              |  |
| 130 Packaging 3-1 - Stock - B4B | 70 pcs | 12/30/19 | 0.00 0.00 | Packaging 3 - 1 - B4B  |  |
|                                 |        |          |           | Packaging 3 - 2 - B4B  |  |
|                                 |        |          |           | Packaging 3 - 3 - B4B  |  |
|                                 |        |          |           | Packaging 3 - 4 - B4B  |  |
|                                 |        |          |           | Packaging 3 - 5 - B4B  |  |
|                                 |        |          |           | Packaging 3 - 6 - B4B  |  |
|                                 |        |          |           | Packaging 3 - 7 - B4B  |  |
|                                 |        |          |           | Packaging 3 - 8 - B4B  |  |
|                                 |        |          |           | Packaging 3 - 9 - B4B  |  |
|                                 |        |          |           | Packaging 3 - 10 - B4B |  |
|                                 |        |          |           | Packaging 3 - 11 - B4B |  |
|                                 |        |          |           | Packaging 3 - 12 - B4B |  |
|                                 |        |          |           | Packaging 3 - 13 - B4B |  |
|                                 |        |          |           | Packaging 3 - 14 - B4B |  |
|                                 |        |          |           | Packaging 3 - 15 - B4B |  |
|                                 |        |          |           | Packaging 3 - 16 - B4B |  |
|                                 |        |          |           | Packaging 3 - 17 - B4B |  |

DAS  
DEC 20 2019 40  
R-59

|                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |              |                        |                        |                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------|------------------------|------------------------|-----------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |              |                        | Packaging 3 - 18 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |              |                        | Packaging 3 - 19 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |              |                        | Packaging 3 - 20 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |              |                        | Packaging 3 - 21 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |              |                        | Packaging 3 - 22 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |              | PC                     | Packaging 3 - 23 - B4B | 57008           |
|                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |              |                        | Packaging 3 - 24 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |              |                        | Packaging 3 - 25 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |              |                        | Packaging 3 - 26 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |              |                        | Packaging 3 - 27 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |              |                        | Packaging 3 - 28 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |              |                        | Packaging 3 - 29 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |              |                        | Packaging 3 - 30 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |              |                        | Packaging 3 - 31 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |              |                        | Packaging 3 - 32 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |              |                        | Packaging 3 - 33 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |              |                        | Packaging 3 - 34 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |              |                        | Packaging 3 - 35 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |              | Packaging 3 - 36 - B4B |                        |                 |
| 140                                                                                                                                                                                                                                                                                                                                                                                                              | QC 21 - SA      | 70<br>pcs    | 12/30/19               | 0.00 0.00              | QC 21 - SA - 21 |
|                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |              |                        |                        | QC 21 - SA - 70 |
|                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |              |                        |                        | QC 21 - SA - 53 |
| Part Op 100 - Purchasing - Issue P/O: _____ Purchase part as per Dwg D2611 Possible supplier: McMaster or CTG P/N:<br>Descriptions: 63215K34<br>110 - Receive & Inspect for Damage & Mat'l Certs - Ensure certificate of conformity is attached<br>120 - QC6- All purchased or subcontracted products)<br>130 - Identify as per dwg & Stock Location: _____<br>140 - QC21- Final Inspection - Work Order Release |                 |              |                        |                        |                 |
| Job BOM                                                                                                                                                                                                                                                                                                                                                                                                          |                 |              |                        |                        |                 |
| Part / Item                                                                                                                                                                                                                                                                                                                                                                                                      | Component Name  | Quantity     | Operation              | Container              |                 |
| 63215K34                                                                                                                                                                                                                                                                                                                                                                                                         | Bearing (D2611) | 70 Ea (1 ea) | 100-Purchasing         | J 235519               |                 |
| Job Allocations                                                                                                                                                                                                                                                                                                                                                                                                  |                 |              |                        |                        |                 |
| Operation                                                                                                                                                                                                                                                                                                                                                                                                        | Component Part  | Required     | Inventory              | Allocated              |                 |
| 100-Purchasing                                                                                                                                                                                                                                                                                                                                                                                                   | 63215K34        | 70           | 0                      | 0                      |                 |
| Part Specifications                                                                                                                                                                                                                                                                                                                                                                                              |                 |              |                        |                        |                 |
| Specifications could not be found.                                                                                                                                                                                                                                                                                                                                                                               |                 |              |                        |                        |                 |



|                  |                  |                                                   |                        |
|------------------|------------------|---------------------------------------------------|------------------------|
| DESIGN<br>90     | DRAWN BY<br>CB   | DART AEROSPACE LTD<br>HAWKESBURY, ONTARIO, CANADA |                        |
| CHECKED<br>H     | APPROVED<br>H    | DRAWING NO.<br>D2611                              | REV. C<br>SHEET 1 OF 1 |
| DATE<br>06.09.20 | TITLE<br>BEARING |                                                   | SCALE<br>NTS           |
| REV              | DATE             | DESCRIPTION                                       |                        |
| A                | 97.07.31         | NEW ISSUE                                         |                        |
| B                | 01.07.04         | RE-DRAWN                                          |                        |
| C                | 06.09.20         | CHANGE TO SS; CHANGE SUPPLIER                     |                        |

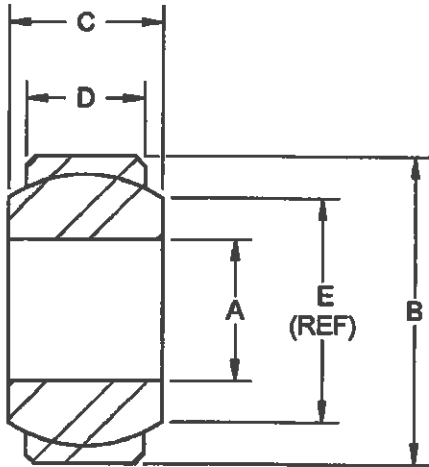
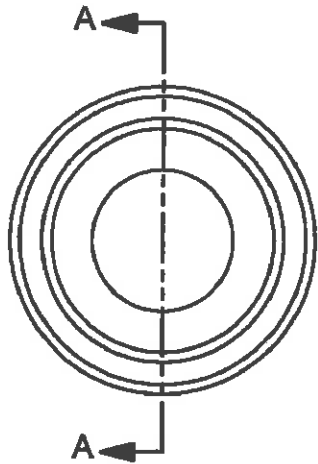
**SPECIFICATION CONTROL DRAWING**

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 26551

MCS  
19-11-21



RELEASED  
06.11.17



**SECTION A-A**



| A     | B     | C     | D     | E (REF) | POSSIBLE SUPPLIER          |
|-------|-------|-------|-------|---------|----------------------------|
| 0.375 | 0.813 | 0.406 | 0.313 | 0.592   | McMASTER-CARR P/N 63215K34 |

- NOTES:**  
1) STAINLESS STEEL BALL JOINT SWIVEL BEARING  
2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED  
3) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED



|                                                                                                                                                                                                                                                                                                                                                                                     |             |                                                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                                                            |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Job: _____<br>Part No. _____                                                                                                                                                                                                                                                                                                                                                        |             | DISPOSITION<br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/>                                                                                                                                                                                   |  | DEPARTMENT/PROCESS<br>Skid-tube <input type="checkbox"/><br>Machining <input type="checkbox"/><br>Large Fab <input type="checkbox"/><br>Cross tube <input type="checkbox"/><br>Small Fab <input type="checkbox"/><br>Finishing <input type="checkbox"/><br>Eng. (Non-AW) <input type="checkbox"/><br>Prod. Eng. Coord. <input type="checkbox"/><br>Rec/Store/Packaging <input type="checkbox"/><br>Engineering <input type="checkbox"/><br>Water Jet <input type="checkbox"/><br>Supplier <input type="checkbox"/><br>Quality <input type="checkbox"/> |  |                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                                                            |  |
| Date :                                                                                                                                                                                                                                                                                                                                                                              | Sequence #: | QTY Affected :                                                                                                                                                                                                                                                                                           |  | MRB (QS1042)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                                                            |  |
| Description Work Order Deviation                                                                                                                                                                                                                                                                                                                                                    |             | Disposition                                                                                                                                                                                                                                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                                                            |  |
| <b>Root Cause</b><br>Operator <input type="checkbox"/><br>Manufacturing Process <input type="checkbox"/><br>Equip/Tooling <input type="checkbox"/><br>Handling/Preservation <input type="checkbox"/><br>Material <input type="checkbox"/><br>Product Improvement <input type="checkbox"/><br>Process Improvement <input type="checkbox"/><br>Human Factors <input type="checkbox"/> |             | <b>Pressure/Forced</b><br><input type="checkbox"/><br>Bending <input type="checkbox"/><br>Crushing <input type="checkbox"/><br>Cracks <input type="checkbox"/><br>Crimp/Kink/Ripple/Wave/Twist <input type="checkbox"/><br>Marks/Chatter <input type="checkbox"/><br>Mislabeled <input type="checkbox"/> |  | <b>Contamination</b><br><input type="checkbox"/><br>Misaligned/off center <input type="checkbox"/><br>BOM/Route <input type="checkbox"/><br>Broken/Damage/Defect <input type="checkbox"/><br>Incomplete/Unclear Instructions <input type="checkbox"/><br>Drill Holes <input type="checkbox"/><br>Fit/Function <input type="checkbox"/>                                                                                                                                                                                                                 |  | <b>Power Loss/Surge</b><br><input type="checkbox"/><br>Folio/Program <input type="checkbox"/><br>Grain Direction <input type="checkbox"/><br>Weld <input type="checkbox"/><br>Wrong Stock Pulled <input type="checkbox"/><br>Out of Sequence <input type="checkbox"/><br>Off-set/Set-up <input type="checkbox"/> |  | <b>Positioned Wrong</b><br><input type="checkbox"/><br>Outside Tolerance <input type="checkbox"/><br>Drawing <input type="checkbox"/><br>Finish <input type="checkbox"/><br>Part Lost/Missing <input type="checkbox"/><br>Misread <input type="checkbox"/> |  |
|                                                                                                                                                                                                                                                                                                                                                                                     |             |                                                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                                                            |  |
|                                                                                                                                                                                                                                                                                                                                                                                     |             |                                                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                                                            |  |
|                                                                                                                                                                                                                                                                                                                                                                                     |             |                                                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                                                            |  |
| Other/Details:                                                                                                                                                                                                                                                                                                                                                                      |             |                                                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                                                            |  |



Dart Aerospace Ltd.  
1270 Aberdeen St  
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Tel (613) 632-5200

PURCHASE ORDER  
POHB045190



Supplier: MCM001-VU  
McMaster-Carr Supply Co.,  
P.O. Box 7690  
Chicago, IL 60680-7690 USA  
Phone: 330 995 5500  
Fax: 330 995 9600  
  
Attention: N/A,  
  
Ship To: 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

PO No: POHB045190  
PO Date: 11/25/19  
Due Date: 11/28/19  
Purchase Order  
Revision:  
Revision Date:  
Ship-To Contact: Lavole, Chantal  
Phone: 613-623-5200 Ext: 242  
Fax: 613-632-1053  
clavole@dartaero.com  
  
Via: Ground  
Pymt Terms: Net 60  
Freight Terms:  
Special Comments:

NOV 26 2019

| Items     |        |           |              |                  |                                                                                   |        |         |          |                |                   |         |                  |                |
|-----------|--------|-----------|--------------|------------------|-----------------------------------------------------------------------------------|--------|---------|----------|----------------|-------------------|---------|------------------|----------------|
| Line Item | Job    | Part      | Drawing      | Supplier Part No | Description                                                                       | Status | Account | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (USD) | Extended Price |
| 1         |        | 50715K179 |              | 1/pack           | Female Pipe Adapter SS 37 Degree Flared Fitting for Stainless Steel Tubing 1/pack | Firmed | -       | 11/28/19 | 3 Ea           | 0 Ea              | 3 Ea    | \$26.07/Ea       | \$78.21        |
|           |        |           |              |                  |                                                                                   | X3     |         |          | NOV 27 2019    |                   |         | DP               |                |
| 2         |        | 51495K116 |              | 1/pk             | COUPLING 1/2" NCKL PLTD BRASS                                                     | Firmed | -       | 11/28/19 | 20 Ea          | 0 Ea              | 20 Ea   | \$7.78/Ea        | \$155.60       |
|           |        |           |              |                  |                                                                                   | X20    |         |          | NOV 27 2019    |                   |         | DP               |                |
| 3         |        | 5274T761  |              | 5/pk             | Polypropylene Vial for Flange Wrench Bolts receive ea                             | Firmed | -       | 11/28/19 | 10 Ea          | 0 Ea              | 10 Ea   | \$1.744/Ea       | \$191.84       |
|           |        |           |              |                  |                                                                                   | X10    |         |          | NOV 27 2019    |                   |         | DP               |                |
| 4         | 208531 | 63215K34  | D2611 REV. C |                  | Bearing (D2611) : AS PER DWG D2611 rev. C                                         | Firmed | -       | 11/28/19 | 70 Ea          | 0 Ea              | 70 Ea   | \$18.58/Ea       | \$1,300.60     |
|           |        |           |              |                  |                                                                                   | X70    |         |          | NOV 27 2019    |                   |         | DP               |                |
| 5         |        | 90081A077 |              | 100/pk           | Drive Screw #2 1/4" Long                                                          | Firmed | -       | 11/28/19 | 100 Ea         | 0 Ea              | 100 Ea  | \$0.0367/Ea      | \$3.67         |
|           |        |           |              |                  |                                                                                   | X100   |         |          | NOV 27 2019    |                   |         | DP               |                |
| 6         |        | 91650A350 |              | 10/pk            | Spiral Retaining Ring, Rnd 7/16 Shaft receive ea                                  | Firmed | -       | 11/28/19 | 10 Ea          | 0 Ea              | 10 Ea   | \$1.119/Ea       | \$11.19        |
|           |        |           |              |                  |                                                                                   | X10    |         |          | NOV 27 2019    |                   |         | DP               |                |
| 7         |        | 92185A143 |              | 25/pk            | SS316 Socket Head Screw #8-32 X 1/8" Long                                         | Firmed | -       | 11/28/19 | 25 Ea          | 0 Ea              | 25 Ea   | \$0.4404/Ea      | \$11.01        |
|           |        |           |              |                  |                                                                                   | X25    |         |          | NOV 28 2019    |                   |         | DP               |                |
| 8         |        | 9642K63   |              | 1/pk             | 440C SS Ball 3/4" Dia.                                                            | Firmed | -       | 11/28/19 | 2 Ea           | 0 Ea              | 2 Ea    | \$4.43/Ea        | \$8.86         |
|           |        |           |              |                  |                                                                                   | X2     |         |          | NOV 28 2019    |                   |         | DP               |                |



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**PURCHASE ORDER**  
**POHB045190**



## Items

| Line Item                         | Job    | Part                    | Drawing            | Supplier Part No           | Description                                                                                                                                                                                                                                                                     | Status | Account | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (USD) | Extended Price |
|-----------------------------------|--------|-------------------------|--------------------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------|----------|----------------|-------------------|---------|------------------|----------------|
| 9                                 |        | M301S22GA               |                    | 3543T77<br>3SF             | 301 SS Sheet<br>- Full hard<br>: MATERIAL:<br>AISI 301 SS<br>SHEET<br>MINIMUM 1/4<br>HARDNESS<br>(NOT<br>ANNEALED)<br>2B FINISH<br>AS PER AMS<br>5517/AMS<br>5518/AMS<br>5902/ AMS<br>5519 OR<br>ASTM A686<br>WHIT MIN.<br>FTU = 125<br>KSI & MIN<br>FTY = 75 KSI<br>receive sf | Firmed | -       | 11/28/19 | 6 sf           | 0 sf              | 6 sf    | \$29.00/sf       | \$174.00       |
| Line Item Note 2 pcs of 12" x 36" |        |                         |                    |                            |                                                                                                                                                                                                                                                                                 |        |         |          |                |                   |         |                  |                |
| 10                                |        | MT-BRONZE-C63000-R1.000 | MT-BRONZE-C63000-R | 8203K61 6<br>FT long       | Bronze<br>C63000<br>Round Bar<br>1.000"<br>: MAT'L AS<br>PER<br>BRONZE<br>C63000 AS<br>PER ANS<br>4840 OR<br>ASME SB150<br>OR ASTM<br>B150 OR<br>SAE J461 OR<br>SAE J463                                                                                                        | Firmed | -       | 11/28/19 | 6 ft           | 0 ft              | 6 ft    | \$49.00/ft       | \$294.00       |
| 11                                |        | RBEL135M<br>2905-101-30 | RBEL135M-2905-101  | 9003K41<br>1/PK            | Poly-V<br>Groove Belt                                                                                                                                                                                                                                                           | Firmed | -       | 11/28/19 | 3 Ea           | 0 Ea              | 3 Ea    | \$10.69/Ea       | \$32.07        |
| 12                                |        | SWA6A-<br>1900          | NOV 28 2019        | 69525K16<br>100/pk         | 1/4" Female<br>Spade<br>Connector                                                                                                                                                                                                                                               | Firmed | -       | 11/28/19 | 100 Ea         | 0 Ea              | 100 Ea  | \$0.0772/Ea      | \$7.72         |
| 13                                |        | RBT18625-<br>151        |                    | 97447A015<br>250/pk        | Rivet                                                                                                                                                                                                                                                                           | Firmed | -       | 11/28/19 | 250 Ea         | 0 Ea              | 250 Ea  | \$0.03152/Ea     | \$7.88         |
| 14                                |        | RBT18625-<br>150        |                    | 5/PK                       | Flat Washer                                                                                                                                                                                                                                                                     | Firmed | -       | 11/28/19 | 10 Ea          | 0 Ea              | 10 Ea   | \$0.904/Ea       | \$9.04         |
| 15                                | 203666 | 92311A639               | D2747 REV. B       | 10/pk                      | SS Set Screw<br>D2747                                                                                                                                                                                                                                                           | Firmed | -       | 11/28/19 | 100 pcs        | 0 pcs             | 100 pcs | \$0.629/pcs      | \$62.90        |
| 16                                | 203668 | D3373-7P                | D3373 REV. A       | 1770A725<br>KEYED<br>ALIKE | Cam Lock<br>: Various<br>STC's<br>receive pcs                                                                                                                                                                                                                                   | Firmed | -       | 11/28/19 | 10 Ea          | 0 Ea              | 10 Ea   | \$8.50/Ea        | \$85.00        |
| 17                                | 203667 | 9610K17                 |                    | 1/pk                       | Grommet<br>D3619-1                                                                                                                                                                                                                                                              | Firmed | -       | 11/28/19 | 6 Ea           | 0 Ea              | 6 Ea    | \$12.90/Ea       | \$77.40        |
| Grand Total:                      |        |                         |                    |                            |                                                                                                                                                                                                                                                                                 |        |         |          |                |                   |         | \$2,510.99       |                |



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

PURCHASE ORDER  
POHB045190



Order Notes

Procurement Quality Clauses

- A005 RIGHT OF ENTRY
- A015 PERSONNEL QUALIFICATION
- A025 CERTIFICATION OF MATERIAL CONFORMANCE
- A032 DOCUMENT SPECIAL REQUIREMENTS
- A038 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS
- A040 NOTIFICATION OF QUALITY ESCAPE
- A041 QUALITY MANAGEMENT SYSTEM
- A042 DART NOTIFICATION BY SUPPLIER
- A043 RETENTION OF QUALITY DOCUMENTS
- A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
- A049 SUPPLIER AWARENESS

*CL*  
*[Signature]*

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an Integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Plex 11/25/19 9:01 AM Dart.Lavole.Chantal



200 Aurora Industrial Pkwy  
Aurora OH 44202-8087  
330-995-5500  
cle.sales@mcmaster.com

Dart Aerospace Ltd  
1270 Aberdeen St  
Hawkesbury ON K6A 1K7  
Canada

Purchase Order  
**POHB045190**  
Order Placed By  
**Chantal Lavoie**  
McMaster-Carr Number  
**5694067-03**

Page 1 of 2  
11/26/2019

| Line | Product                                                                                                                              | Ordered  | Shipped |
|------|--------------------------------------------------------------------------------------------------------------------------------------|----------|---------|
| 1    | 50715K179 27 Degree Flared Fitting for Stainless Steel Tubing, Adapter for 5/16" Tube OD x 1/8 NPT Female                            | 3 Each   | 3       |
| 2    | 51495K116 Nickel-Plated Brass Push-to-Connect Tube Fitting for Air, Straight Connector, for 1/2" Tube OD                             | 20 Each  | 20      |
| 3    | 5274T761 Polypropylene Plastic Vials with Tight Fitting Lid, 1.9 oz./55 ml Capacity, Packs of 5                                      | 2 Packs  | 2       |
| 4    | 63215K34 Corrosion-Resistant Swivel Joint, Lubrication-Free, 3/8" ID, 13/16" OD                                                      | 70 Each  | 70      |
| 5    | 90081A077 Zinc-Plated Steel Screw Nails for Metal, Plastic and Plywood, Size 2, 1/4" Long, Packs of 100                              | 1 Pack   | 1       |
| 6    | 91650A350 Heavy Duty Spiral External Retaining Ring, 18-8 Stainless Steel, for 7/16" OD, Packs of 10                                 | 1 Pack   | 1       |
| 7    | 92185A143 Super-Corrosion-Resistant 316 Stainless Steel Socket Head Screw, 6-32 Thread Size, 1/8" Long, Packs of 25                  | 1 Pack   | 1       |
| 8    | 9642K63 Tight-Tolerance Hardened 440C Stainless Steel Ball, 3/4" Diameter, Packs of 1                                                | 2 Packs  | 2       |
| 11   | 9003K41 Ultra-Flexible Banded V-Belt, Trade Number 180J4, 18-5/16" Outer Circumference                                               | 3 Each   | 3       |
| 12   | 69525K16 Non-Insulated Quick-Disconnect Terminals, Single-Crimp Female, 16-14 Gauge, 1/4" Wide x 0.032" Thick Tab, Packs of 100      | 1 Pack   | 1       |
| 13   | 97447A015 Aluminum Blind Rivets with Aluminum Mandrel, Domed Head, 1/8" Diameter, for 0.063"-0.125" Material Thickness, Packs of 250 | 1 Pack   | 1       |
| 14   | 94744A285 Zinc-Plated Steel Washer for Soft Material, 1/2" Screw Size, Narrow ASME Designation, Packs of 5                           | 2 Packs  | 2       |
| 15   | 92311A639 8-8 Stainless Steel Cup-Point Set Screw, 3/8"-24 Thread, 1" Long, Packs of 10                                              | 10 Packs | 10      |
| 16   | 1770A725 Zinc-Plated Cam Lock, Nickel-Plated, Key #C420A for 1-7/16" Maximum Thickness, Clockwise                                    | 10 Each  | 10      |
| 17   | 9610K17 Fabric Grommet Kit with Tooth Lock Washers, Trade Size 1, for 0.12" Maximum Thickness                                        | 6 Each   | 6       |

**RECEIVED**

NOV 27 2019

Shipped separately from our Chicago warehouse on 11/26

**DART AEROSPACE LTD.**

|    |                                                                                                                 |        |   |
|----|-----------------------------------------------------------------------------------------------------------------|--------|---|
| 9  | 3543T77 Fatigue-Resistant 301 Stainless Steel Sheet with Certification, .12" x 36", Spring Temper, 0.020" Thick | 2 Each | 2 |
| 10 | 8203K61 High-Strength 630 Bronze, 1" Diameter, 6 Feet Long                                                      | 1 Each | 1 |

# Packing List

200 Aurora Industrial Pkwy  
Aurora OH 44202-8087  
330-99515500  
cle.sales@mcmaster.com

Dart Aerospace Ltd  
1270 Aberdeen St  
Hawkesbury ON K6A 1K7  
Canada

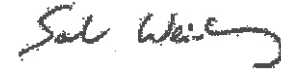
Purchase Order  
**POHB045190**  
Order Placed By  
**Chantal Lavoie**  
McMaster-Carr Number  
**5694067-03**

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11/26/2019

## Certificate of compliance

This is to certify that the above items were supplied in accordance with the description and as illustrated in the catalog. Your order is subject only to our terms and conditions, available at [www.mcmaster.com](http://www.mcmaster.com) or from our Sales Department.



Sarah Weinberg  
Compliance Manager